

Converting Colors

Hex(315D19)

Have a look what the booklet for
Hex(315D19) contains.

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Color

Hex(315D19)

Conversions

Conversions Part 1

Format	Color
Hex	315D19
RGB	49, 93, 25
RGB Percent	19%, 36%, 10%
CMY	0.8078, 0.6353, 0.9020
CMYK	0.47, 0.00, 0.73, 0.64
HSL	99°, 58%, 23%
HSV	99°, 73%, 36%
XYZ	5.3564, 8.5519, 2.2881
YIQ	72.0920, -4.3960, -30.4760

Conversions

Conversions Part 2

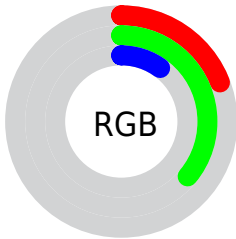
Format	Color
RYB	25, 93, 69
Decimal	3235097
CIELab	35.11, -28.59, 32.92
CIElCh	35, 43.605, 130.970
Yxy	8.5519, 0.3307, 0.5280
Android (android.graphics.Color)	4281425177 (0xFF315D19)
YUV	72.0920, -23.2164, -20.2517
Hunter-Lab	29.2436, -18.4810, 15.8315

Details

The Hex color **315D19** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **45195D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **639049**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **2B5D10**, and if you desaturate by 10%, it is **375D22**.

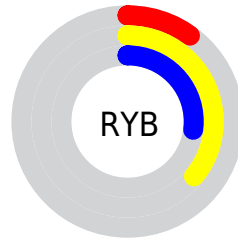
Distribution



Red (19%)

Green (36%)

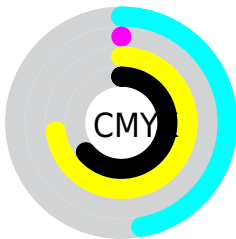
Blue (10%)



Red (10%)

Yellow (36%)

Blue (27%)

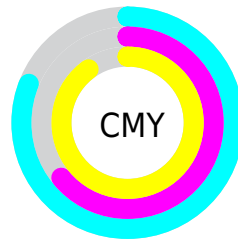


Cyan (47%)

Magenta (0%)

Yellow (73%)

Black (64%)



Cyan (81%)


Magenta (64%)


Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315D19 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 315D19 by changing the saturation by 10% instead.

 315D19

 315D19

FFFFFF

 174500

 639049

 002E00

 7DAA61

 001A00

 98C67B


 000000


 B4E295

 D0FFB0

 ECFFCC

 FFFFE8

 315D19

 315D19

■ 2B5D10

■ 375D22

■ 255D06

■ 3D5D2C

■ 215D00

■ 435D35

■ 495D3E

■ 4F5D48

■ 555D51

■ 5B5D5A

■ 615D63

■ 675D6D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



585500



315D19



00613B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



315D19



005C94



913047

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



315D19



45195D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86346A



315D19



1A5297

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



315D19



00627F



644387



8A3A26

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



315D19



006353



644387



8F2F53

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



315D19



67785D



5D4419



333D2D



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



315D19



34780E



195D22



2B2E29



276E00



54ED00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45195D



530E78



5D1954



2C292E



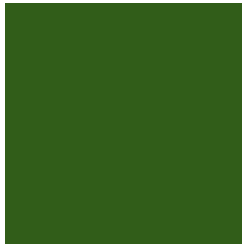
47006E



9900ED

Previews

White Background



This preview shows how the Hex color 315D19 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

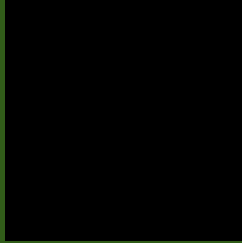
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 315D19 Background



This preview shows how black text looks on a background with the Hex color 315D19.



This preview shows how white text looks on a background with the Hex color 315D19.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
315D19

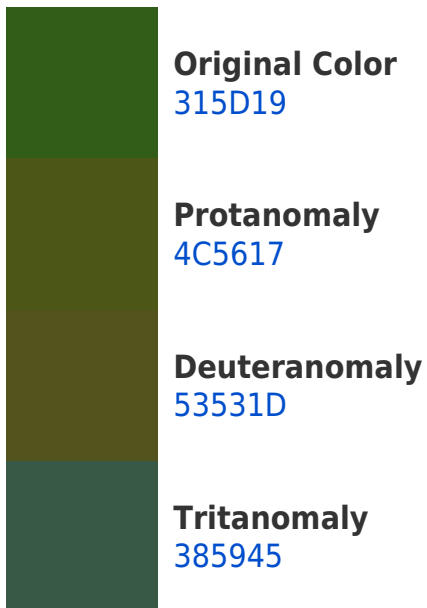
Protanopia
5C5216

Deuteranopia
674E1F

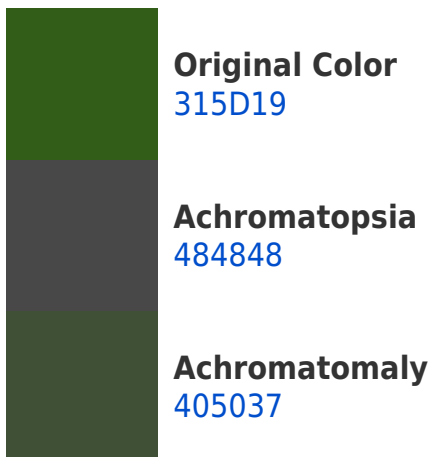


Tritanopia
3C575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 315D19 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #315D19 looks like.

```
.text, #text, p{  
    color:#315D19  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #315D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315D19
}
```

Border

The CSS property to change the border of an element to Hex 315D19 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#315D19 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#315D19 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #315D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315D19; -webkit-box-shadow:4px 4px  
4px 4px #315D19; box-shadow:4px 4px 4px  
4px #315D19 }
```

Background

The CSS property to change the background color of an element to Hex 315D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315D19 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#315D19 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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